


# RADIATION IMAGE PICKUP DEVICE AND SYSTEM

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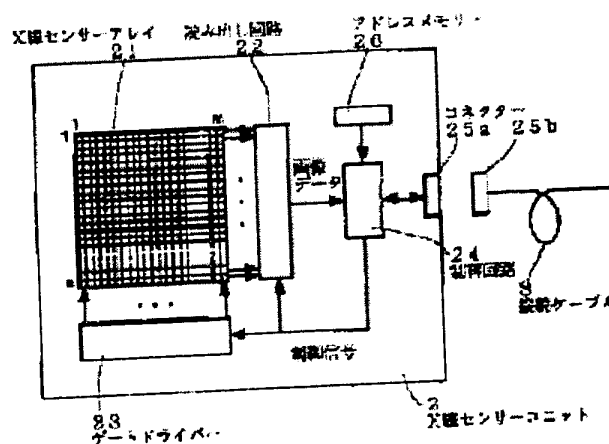
 JP11271454 (A)

**Patent number:** JP11271454  
**Publication date:** 1999-10-08  
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**Classification:**  
 - international: G01T1/20; A61B6/00  
 - european:  
**Application number:** JP19980072116 19980320  
**Priority number(s):**

## Abstract of JP11271454

**PROBLEM TO BE SOLVED:** To provide an inexpensive, portable image pickup device and system that can be easily fitted to an X-ray image pickup facility and can process, display, and record a large capacity of image data.

**SOLUTION:** An X-ray sensor unit 2 incorporates an X-ray sensor array 21, a reading circuit 22, a gate driver 23, a control circuit 24, an address memory 26, and the like in an enclosure that is in the same as a conventional cassette and can transmit a large amount of X-ray image data to an external image-processing device image-displaying device, and an image-recording device via a connection cable 3. A power supply and an image memory are incorporated in the X-ray sensor unit 2. Then, the image processing device, the image displaying device, and the image recording device and provided on one floor of a building, a communication cable is wired from it to each floor and a connection cable 3 is connected to each of an X-ray image pickup room, and the X-ray sensor unit 2 is taken into the required X-ray image pickup device and is connected to the connection cable 3 by a connector, thus performing X-ray image pickup.



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